


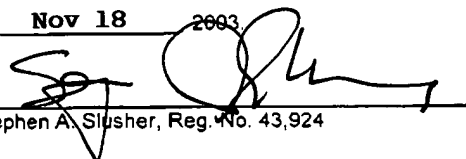


PATENT APPLICATION

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Stephen A. Slusher, Reg. No. 43,924

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 09/705,100
Applicant : Joseph Wang, et al.
Filed : November 2, 2000
Title : MICROFLUIDIC DEVICES WITH THICK FILM ELECTROCHEMICAL DETECTION

TC/A.U. : 1753
Examiner : Mutschler, Brian L.

Docket No. :

Commissioner for Patents
United States Patent and Trademark Office
PO Box 1450
Alexandria, Virginia 22313-1450

DECLARATION OF JOSEPH WANG UNDER 37 C.F.R. § 1.131

Sir:

JOSEPH WANG declares as follows:

1. I am an inventor of the subject matter of the above-identified patent application.
2. I and my co-inventors conceived and invented the inventive subject matter disclosed and claimed in the above-identified patent application prior to February 22, 1999. To wit, we conceived how to create an apparatus for conducting a microfluidic process and analysis, including at least one elongated microfluidic channel, fluidic transport means for transport of fluids through the microfluidic channel, and at least one thick-film electrode in fluidic connection with the outlet end of the microfluidic channel. The invention includes an integrated on-chip combination reaction, separation and thick-film

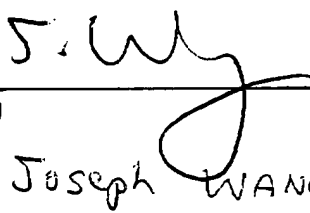
PATENT Ser. No. 09/705,100

electrochemical detection microsystem, for use in detection of a wide range of analytes and methods for the use thereof.

3. A journal paper was completed and submitted for publication by July, 1999. This paper formed the basis of the provisional application filed November 5, 1999, as well as the pending utility application.

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the above-referenced application or any patent issuing thereon.

Date:

Nov. 12, 03

Joseph Wang

G:\AMDS\NMSU\Wang Dec 1.131.doc